

Amendments to the Claims/Listing of Claims

1. (Currently amended) A method of modifying a product configuration form, the method comprising the steps of:

receiving over a network a form modification request corresponding to a modification of the product configuration form from a client computer;

generating in a design system an updated product configuration form in which at least one ~~question-answer~~ field is modified in accordance with the form modification request and permitted design configurations; and

sending the updated product configuration form over the network to the client computer.

2. (Currently amended) The method of claim 1, further comprising the steps of:
displaying the product configuration form on the client computer;
receiving an input corresponding to ~~a~~ the modification to the product configuration form on the client computer;

sending the form modification request to the design system over the network;
receiving over the network the updated product configuration form from the design system; and

displaying the updated product configuration form on the client computer.

3. (Currently amended) The method of claim 1, further comprising the steps of:
receiving on the design system a product configuration form request and at least one output option from the client computer; and

generating at least one output in accordance with the product configuration form request and the at least one output option.

4. (Currently amended) The method of claim 3, wherein the step of generating the at least one output includes the steps of:

retrieving product configuration information from a database;

loading at least one computer aided design object into a computer aided design system; and

modifying the at least one computer aided design object in accordance with the product configuration form request and the product configuration information.

5. (Currently amended) The method of claim 4, wherein the step of generating the at least one output further includes the steps of:

generating assembly instructions from the product configuration form request and the product configuration information;

sending the assembly instructions to the computer aided design system;

assembling the at least one computer aided design object in accordance with the assembly instructions; and

outputting an assembled computer aided design object in accordance with the output option.

6. (Original) The method of claim 5, wherein the step of outputting the assembled computer aided design object includes the step of displaying a view of the assembled computer aided design object on the client computer.

7. (Original) The method of claim 1, wherein the network includes an internet.

8. (New) The method of claim 4, wherein the step of generating the at least one output further includes the steps of:

generating configuration instructions from the product configuration form and the product configuration information;

sending the configuration instructions to the computer aided design system;

configuring the at least one computer aided design object in accordance with the configuration instructions; and

outputting a configured computer aided design object in accordance with the output option.

9. (New) The method of claim 8, wherein the step of outputting the configured computer aided design object includes the step of displaying a view of the configured computer aided design object on the client computer.

10. (New) A method of implementing an administration system for use with a computer aided design (CAD) system, the method comprising:

generating a plurality of CAD objects using the CAD system;

defining a set of object properties for each of the plurality of CAD objects;

defining a plurality of web objects;

defining a set of object properties for each of the plurality of web objects;

creating a plurality of links, each link defining a conditional relationship between a parent object and a child object, each parent object being one of the plurality of CAD objects and the plurality of web objects, and each child object being one of the plurality of CAD objects and the plurality of web objects; and

defining a set of link relationships for each of the plurality of links.

11. (New) The method of claim 10, wherein the object properties for at least one of the plurality of CAD objects include alternate configurations of the at least one of the plurality of CAD objects.

12. (New) The method of claim 10, wherein the object properties for at least one of the plurality of web objects includes a question about a design specification and at least two answers to the question.

13. (New) The method of claim 10, wherein the set of link relationships for at least one of the plurality of links defines a limited subset of the set of object properties for the child object that are permitted when one of the set of object properties for the parent object is selected.

14. (New) The method of claim 10, wherein the step of defining a set of link relationships comprises the steps of:

- displaying the set of object properties for the parent object;
- displaying the set of object properties for the child object;
- selecting a selected one of the set of object properties for the parent object;
- selecting at least one of the set of object properties for the child object to be associated with the selected one of the set of object properties for the parent object.

15. (New) The method of claim 10, wherein at least one of the plurality of links is a CAD link between a parent object that is a first one of the plurality of CAD objects and a child object that is a second one of the plurality of CAD objects, the set of link relationships

for the CAD link including an assembly field that defines how the parent object and the child object are assembled together.

16. (New) The method of claim 10, further including the step of displaying the plurality of links in relational database tables.

17. (New) The method of claim 10, further comprising the step of creating a plurality of product configuration forms based on the plurality of links.

18. (New) The method of claim 17, wherein the object properties for at least one of the plurality of web objects includes a question about a design specification, a first answer to the question and a second answer to the question.

19. (New) The method of claim 18, further comprising the steps of
creating a first form of the plurality of product configuration forms based on selection of the first answer to the question; and
creating a second form of the plurality of product configuration forms based on selection of the second answer to the question, the second form being different from the first form.